

POLYGONUM DOUGLASII SUBSP. JOHNSTONII
(POLYGONACEAE) NEW FOR CANADA

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Polygonum douglasii E.L. Greene subsp. *johnstonii* (Munz) Hickman is native to western North America. Its presence in southwestern Canada was to be expected since it has been recorded from several adjacent American states—Washington, Idaho, Montana and North Dakota (Kartesz 1999)—that share common habitats with the southern parts of the western Canadian Provinces. It has not been recorded from Saskatchewan until now (Vernon Harms, pers. com.). Subspecies *johnstonii* grows on sandy soils, open rocky places in dry grass communities and Ponderosa forests. It flowers from June to August. Four point collections in the grasslands from southern Saskatchewan are indicated on the map that accompanies the herbarium label of the specimen cited. Since its occurrence is also probable in Alberta and British Columbia, further research is necessary to determine its exact distribution in Canada. The closest related taxon is *Polygonum douglasii* subsp. *douglasii* (Hickman 1984). *Polygonum douglasii* subsp. *johnstonii* differs from subsp. *douglasii* mainly through the erect, almost sessile or short-pedicellate achenes. Subspecies *douglasii* has spreading or reflexed, long-pedicellate achenes. Other distinguishing characters, an identification key and line drawings of the two taxa can be found in Hickman (1993).

Voucher specimen: **CANADA. SASKATCHEWAN:** Grasslands Park, 9 mi SE of Val Marie, 17 Jul 1989, E.R. Hooper 11110 (USAS).

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